PTO/SB/01 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Attorn y Docket Numb	10001-29420
DECLARATION FOR UTILITY OR DESIGN	First Named Inventor	Pai
PATENT APPLICATION	COMPLETE	IF KNOWN
(37 CFR 1.63)	Application Number	
X Declaration Declaration	Filing Date	
Submitted OR Submitted after Initial	Group Art Unit	
with Initial  Filing (37 CFR 1.16 (e))  required)	Examiner Name	

As a below named inventor, I hereby declare that:
My residence, mailing address, and citizenship are as stated below next to my name.
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:
DIELECTRIC BARRIER DISCHARGE PLASMA REACTOR CELL
(Title of the Invention)
the specification of which
X. is attached hereto
OR  was filed on (MM/DD/YYYY)  as United States Application Number or PCT International
Application Number and was amended on (MM/DD/YYYY) (if applicable).
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation- in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.
Prior Foreign Application  Number(s)  Foreign Filing Date  (MM/DD/YYYY)  Foreign Filing Date  Priority  Not Claimed  YES  NO
Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

PTO/SB/01 (03-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

## **DECLARATION** — Utility or Design Patent Application

<del></del>					
Direct all correspondence to: X Customer or Bar Coc		2574		OR Co	rrespondence address below
			<del>-</del>		
Name					
Address			1		
City			State		ZIP
City					
Country	Telep	hone			Fax
I hereby declare that all statements made herein of are believed to be true; and further that these statements are punishable by fine or imprisonment, or validity of the application or any patent issued there	atements both, un	were made wit	h the kı	nowledge that willful f	alse statements and the like so
NAME OF SOLE OR FIRST INVENTOR		A petition h	as be	en filed for this un	signed inventor
Given Name (first and middle [if any])  Deepak Pai				ly Name Irname	
Inventor's Signature					Aug 2, 2001 Date
BURNSVILLE		MINNE	SOTA	U.S.A.	U·S. A
Residence: City		State		Country	Citizenship
11516 22 ND AVE Mailing Address	S				
BURHSVILLE		MN		55337	U·S.A.
City		State		ZIP	Country
NAME OF SECOND INVENTOR:		A petition ha	s beer	n filed for this unsi	gned inventor
Given Name (first and middle [if any])			_ `	y Name rname	
Inventor's Signature					Date
Residence: City		State	c	ountry	Citizenship
Mailing Address	_				
<b></b>					
City  Additional inventors are being named on the		State		rentor(s) sheet(s) PTO	Country /SB/02A attached hereto.
Additional inventors are being named on the	sup	piementai Auditi	אוומו ווווע		OD/OZA attached hereto.

PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it display a valid OMB control number.

## **POWER OF ATTORNEY OR AUTHORIZATION OF AGENT**

Application Number		1
Filing Date		
First Named Inventor	Pai	
Title	Dielectric BarräergDischa	rge
Group Art Unit		
Examiner Name		
Attorney Docket Number	10001-29420	)

Practitioners at Customer Number  Name  Registration Number  as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.  Please change the correspondence address for the above-identified application to:  The above-mentioned Customer Number.  Practitioners at Customer Number.  Practitioners at Customer Number.  Registration Number  Pleace Customer Number.  Registration Number  Pleace Customer Number and Pleace Customer Number Bar Code Label here  Practitioners at Customer Number Firm or Individual Name  Address  Address  City  Country  Telephone  I am the:  Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).  SIGNATURE of Applicant or Assignee of Record  Name  Deepak Pai  Signature  Date  Aug 2, 2001  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multipliforms if more than one signature is required, see below.	OR	111001   2374		
as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.  Please change the correspondence address for the above-identified application to:  The above-mentioned Customer Number.  OR Practitioners at Customer Number  Individual Name  Address  Address  Address  Address  I am the:  X Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).  SIGNATURE of Applicant or Assignee of Record  Name  Deepak Pai  Signature  Date  Aug 2, 2051  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple	<del></del>	<u> </u>		
as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.  Please change the correspondence address for the above-identified application to:  The above-mentioned Customer Number.  OR Practitioners at Customer Number  Individual Name  Address  Address  City  Country  Telephone  I am the:  X Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTOISB/96).  SIGNATURE of Applicant or Assignee of Record  Name  Deepak Pai  Signature  Date  Aug 2, 2001  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple				
business in the United States Patent and Trademark Office connected therewith.  Please change the correspondence address for the above-identified application to:  The above-mentioned Customer Number.  OR Practitioners at Customer Number  Individual Name  Address  Address  City  Country  Telephone  I am the:  X Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).  SIGNATURE of Applicant or Assignee of Record  Name  Deepak Pai  Signature  Date  Aug 2, 2001  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple	Nam		Registration Number	
business in the United States Patent and Trademark Office connected therewith.  Please change the correspondence address for the above-identified application to:  The above-mentioned Customer Number.  OR Practitioners at Customer Number  Individual Name  Address  Address  City  Country  Telephone  I am the:  X Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).  SIGNATURE of Applicant or Assignee of Record  Name  Deepak Pai  Signature  Date  Aug 2, 2001  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple				
business in the United States Patent and Trademark Office connected therewith.  Please change the correspondence address for the above-identified application to:  The above-mentioned Customer Number.  OR Practitioners at Customer Number  Individual Name  Address  Address  City  Country  Telephone  I am the:  X Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).  SIGNATURE of Applicant or Assignee of Record  Name  Deepak Pai  Signature  Date  Aug 2, 2001  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple		-		
business in the United States Patent and Trademark Office connected therewith.  Please change the correspondence address for the above-identified application to:  The above-mentioned Customer Number.  OR Practitioners at Customer Number  Individual Name  Address  Address  City  Country  Telephone  I am the:  X Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).  SIGNATURE of Applicant or Assignee of Record  Name  Deepak Pai  Signature  Date  Aug 2, 2001  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple				
business in the United States Patent and Trademark Office connected therewith.  Please change the correspondence address for the above-identified application to:  The above-mentioned Customer Number.  OR Practitioners at Customer Number  Individual Name  Address  Address  City  Country  Telephone  I am the:  X Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).  SIGNATURE of Applicant or Assignee of Record  Name  Deepak Pai  Signature  Date  Aug 2, 2001  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple				
Please change the correspondence address for the above-identified application to:  The above-mentioned Customer Number.  OR Practitioners at Customer Number  OR Practitioners at Customer Number  Firm or Individual Name  Address  Address  City Country  Telephone  I am the:  X Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).  SIGNATURE of Applicant or Assignee of Record  Name  Deepak Pai  Signature  Date  Aug 2, 2001  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple				
The above-mentioned Customer Number.  OR  Practitioners at Customer Number  OR  Firm or Individual Name  Address  City  Country  Telephone  I am the:  X Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).  SIGNATURE of Applicant or Assignee of Record  Name  Deepak Pai  Signature  Date  Aug 2, 2001  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple	business in the United States Pate	t and Trademark Office conn	nected therewith.	
Place Customer Number Bar Code Label here  Place Customer Number Bar Code Label here  Firm or Individual Name  Address  City State Zip  Country  Telephone Fax  I am the:  X Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).  SIGNATURE of Applicant or Assignee of Record  Name Deepak Pai  Signature Aug 2, 2001  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple			fied application to:	
Practitioners at Customer Number  OR  Firm or Individual Name  Address  City State Zip  Country  Telephone Fax  I am the:  X Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).  SIGNATURE of Applicant or Assignee of Record  Name Deepak Pai.  Signature  Date Aug 2, 2001  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple	<del></del>	er Number.	Bloom Cyctomor	
OR  Firm or Individual Name  Address  Address  City State Zip  Country  Telephone Fax  I am the:  X Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).  SIGNATURE of Applicant or Assignee of Record  Name Deepak Pai  Signature Aug 2, 2001  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple		ner -	Number Bar Code	
Address Address City Country Telephone Fax  I am the:  X Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).  SIGNATURE of Applicant or Assignee of Record  Name Deepak Pai Signature Date Aug 2, 2001  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple		,01	Label here	
Address City State Zip  Country  Telephone Fax  I am the:  X Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).  SIGNATURE of Applicant or Assignee of Record  Name Deepak Pai  Signature Date Aug 2, 2001  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple	Firm or		-	
Address  City  Country  Telephone  I am the:  X Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).  SIGNATURE of Applicant or Assignee of Record  Name  Deepak Pai  Signature  Date  Aug 2, 2001  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple		- A-A-CI		
City Country Telephone Fax  I am the:  X Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).  SIGNATURE of Applicant or Assignee of Record  Name Deepak Pai  Signature Date Aug 2, 2001  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple				
Telephone  I am the:  X Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).  SIGNATURE of Applicant or Assignee of Record  Name  Deepak Pai  Signature  Date  Aug 2, 2001  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple	· · · · · · · · · · · · · · · · · · ·		State Zin	
Telephone  I am the:  X Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).  SIGNATURE of Applicant or Assignee of Record  Name  Deepak Pai  Signature  Date  Aug 2, 2001  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple			nate	
I am the:  X Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).  SIGNATURE of Applicant or Assignee of Record  Name  Deepak Pai  Signature  Date  Aug 2, 2001  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple		F	Fax	
Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).  SIGNATURE of Applicant or Assignee of Record  Name  Deepak Pai  Signature  Date  Aug 2, 2001  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple				
Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).  SIGNATURE of Applicant or Assignee of Record  Name  Deepak Pai  Signature  Date  Aug 2, 2001  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple				
Signature  Date  Aug 2, 2001  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple	•			
Name  Deepak Pai  Signature  Date  Aug 2, 2001  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple				
Name  Deepak Pai  Signature  Date  Aug 2, 2001  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple				
Signature  Date  Aug 2, 2001  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple				
Date  Aug 2, 2.061  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple	Name Deepak	Pai /)		
Date  Aug 2, 2.061  NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple	Signature Weepk	N. Fai		
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple	A -	2001		
			المراجع والمراجع والم	